

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Army									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	382.139	169.783	190.903	0.000	190.903	175.504	83.793	163.431	206.425	Continuing	Continuing
367: WIN-T INCREMENT 2 -INITIAL NETWORKING-ON-THE-MOVE	81.299	18.952	17.413	0.000	17.413	3.000	0.000	0.000	0.000	Continuing	Continuing
372: WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE	300.840	150.831	173.490	0.000	173.490	172.504	83.793	163.431	206.425	Continuing	Continuing
A. Mission Description and Budget Item Justification											
The WIN-T program focus is to design, develop, produce and field the Future Modular Force transport network, while leveraging mature technologies that can enhance the Current Modular Force to operate in an emerging noncontiguous environment. WIN-T Inc 3 develops the mature technologies which will be inserted into Inc 2.The Defense Acquisition Executive (DAE), through the Nunn-McCurdy certification process, certified a restructured WIN-T program on June 5, 2007. The certification Acquisition Decision Memorandum (ADM) stated that the Army will restructure the WIN-T Major Defense Acquisition Program (MDAP) to absorb the former Joint Network Node (JNN) Network program. It further stated that the restructured program will consist of four Increments: Inc 1, Inc 2, Inc 3, and Inc 4.											
B. Program Change Summary (\$ in Millions)											
			FY 2009	FY 2010	FY 2011 Base		FY 2011 OCO		FY 2011 Total		
Previous President's Budget			393.054	180.673	374.525		0.000		374.525		
Current President's Budget			382.139	169.783	190.903		0.000		190.903		
Total Adjustments			-10.915	-10.890	-183.622		0.000		-183.622		
• Congressional General Reductions				-10.890							
• Congressional Directed Reductions				0.000							
• Congressional Rescissions			0.000	0.000							
• Congressional Adds				0.000							
• Congressional Directed Transfers				0.000							
• Reprogrammings			-10.915	0.000							
• SBIR/STTR Transfer			0.000	0.000							
• Other Adjustments 1			0.000	0.000	-183.622		0.000		-183.622		

UNCLASSIFIED

R-1 Line Item #64

Page 1 of 22

210 of 1922

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Army		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL</i>	
<u>Change Summary Explanation</u> Change Summary Explanation: Funding: FY11 - Funds realigned to higher priority Army requirements.		

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL</i>				PROJECT 367: <i>WIN-T INCREMENT 2 -INITIAL NETWORKING-ON-THE-MOVE</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
367: <i>WIN-T INCREMENT 2 -INITIAL NETWORKING-ON-THE-MOVE</i>	81.299	18.952	17.413	0.000	17.413	3.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

Increment 2 capability supports limited collaboration, mission planning and on-the-move. It enables distribution of information via voice, data, and real-time video from ground-to-ground and ground-to satellite communications. Increment 2 capitalizes on commercial off-the-shelf/Government off-the-shelf (COTS)/(GOTS), mature technologies and adds mobility to the Brigade Combat Team (BCT) including Battalions and Companies. Increment 2 initially enables planning, monitoring, controlling and prioritizing (PMCP) the Div Headquarters (HQs) and/or the Bde network. It will disseminate critical information in less than five seconds and time sensitive information in less than eight seconds. Mobile communications for select users are enabled at 256 kbps for speeds up to 25 mph. It provides vehicular personnel force protection. It extends wide area/Global Information Grid (GIG) network connectivity to the lower tactical subnets at the company level. Network survivability is enhanced by automatically reconfiguring the network due to node(s) or link loss(es). Spectrum reuse is accomplished with the Highband Network Waveform (HNW) and Net Centric Waveform (NCW). The Quality of Service (QoS) capability enables message trafficking prioritization by level of importance to the warfighter. This Increment provides commercial and military band satellite communications to Div, Bde, Bn and Company (Co). WIN-T Inc 3 develops the mature technologies which will be inserted into Inc 2. This program was not a new start in FY09, effort previously funded under PE# 0603782A, Project 355. Funds in FY2011 support platform integration and government test support for Production Qualification Test-Contractor (PQT-C), Logistics Demonstration, Force Development Test and Experimentation (FDT), PQT-Government (PQT-G) and New Equipment Training (NET).

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1 Increment 2 System Development and Demonstration Engineering Change Proposal (ECP) provides the productization of configuration items, test support/prototypes for Development Test, New Equipment Training, and Limited User Test. The contractor provides final architecture, Modeling & Simulation (M&S), and support for milestone efforts.	43.191	0.000	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #64

Page 3 of 22

212 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army			DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL	PROJECT 367: WIN-T INCREMENT 2 -INITIAL NETWORKING-ON-THE-MOVE			
B. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Program #2 Platform Integration of WIN-T Configuration Items	14.408	0.000	0.000	0.000	0.000
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Program #3	4.500	2.241	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #64

Page 4 of 22

213 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army			DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL	PROJECT 367: WIN-T INCREMENT 2 -INITIAL NETWORKING-ON-THE-MOVE				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Technical Engineering Services and Research Studies FY 2009 Accomplishments: FY 2009 FY 2010 Plans: FY 2010 FY 2011 Base Plans: FY 2011 Base FY 2011 OCO Plans: FY 2011 OCO						
Program #4 Conduct of Developmental Test, Limited User Test, PQT-G and IOT; includes Modeling and Simulation FY 2009 Accomplishments: FY 2009 FY 2010 Plans: FY 2010 FY 2011 Base Plans: FY 2011 Base FY 2011 OCO Plans: FY 2011 OCO		9.210	15.576	14.959	0.000	14.959

UNCLASSIFIED

R-1 Line Item #64

Page 5 of 22

214 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)		R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL		PROJECT 367: WIN-T INCREMENT 2 -INITIAL NETWORKING-ON-THE-MOVE		
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #5		9.990	0.504	2.454	0.000	2.454
Program Management Support						
FY 2009 Accomplishments:						
FY 2009						
FY 2010 Plans:						
FY 2010						
FY 2011 Base Plans:						
FY 2011 Base						
FY 2011 OCO Plans:						
FY 2011 OCO						
Program #6		0.000	0.631	0.000	0.000	0.000
Small Business Innovative Research/Small Business Technology Transfer Programs						
FY 2009 Accomplishments:						
FY 2009						
FY 2010 Plans:						
FY 2010						
FY 2011 Base Plans:						
FY 2011 Base						
FY 2011 OCO Plans:						
FY 2011 OCO						

UNCLASSIFIED

R-1 Line Item #64

Page 6 of 22

215 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010				
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL</i>	PROJECT 367: <i>WIN-T INCREMENT 2 -INITIAL NETWORKING-ON-THE-MOVE</i>						
<u>B. Accomplishments/Planned Program (\$ in Millions)</u>								
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Accomplishments/Planned Programs Subtotals				81.299	18.952	17.413	0.000	17.413
<u>C. Other Program Funding Summary (\$ in Millions)</u> N/A								
<u>D. Acquisition Strategy</u> The Defense Acquisition Executive (DAE), through the Nunn-McCurdy certification process, certified a restructured WIN-T program on June 5, 2007. The certification Acquisition Decision Memorandum (ADM) stated that the Army will restructure the WIN-T Major Defense Acquisition Program (MDAP) to absorb the former Joint Network Node (JNN) Network program. It further stated that the restructured program will consist of four Increments: Incs 1, 2, 3, and 4. Inc 2 has completed Limited User Testing (LUT) and a Production Readiness Review (PRR). The program is on track to obtain MS C approval in February 2010. An increase in FY11 funding of \$6.908 (66%) will fund Production Qualification Test - Contractor (PQT-C), Production Qualification Test - Government (PQT-G), Force Development Test (FDT), and New Equipment Training (NET). An increase in FY12 funding of \$3.0 (100%) will fund Initial Operational Test (IOT) and Cold Region Testing.								
<u>E. Performance Metrics</u> Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.								

UNCLASSIFIED

R-1 Line Item #64

Page 7 of 22

216 of 1922

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army											DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION</i> <i>NETWORK-TACTICAL - DEM/VAL</i>				PROJECT 367: <i>WIN-T INCREMENT 2 -INITIAL</i> <i>NETWORKING-ON-THE-MOVE</i>					
Product Development (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Increment 2 ECP to the Inc 3 SDD	C/CPAF	General Dynamics C4 Systems Inc Taunton, MA	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Platform Integration	C/Various	Various Location could not be determined.	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			0.000	0.000		0.000		0.000		0.000			0.000
Remarks													
Support (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Technical Engineering Services and Research Studies	C	General Dynamics C4 Systems Inc Taunton, MA	0.000	2.241		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			0.000	2.241		0.000		0.000		0.000			0.000
Remarks													

UNCLASSIFIED

R-1 Line Item #64

Page 8 of 22

217 of 1922

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army											DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION</i> <i>NETWORK-TACTICAL - DEM/VAL</i>				PROJECT 367: <i>WIN-T INCREMENT 2 -INITIAL</i> <i>NETWORKING-ON-THE-MOVE</i>					
Test and Evaluation (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Modeling & Simulation	C/Various	Various Location could not be determined.	0.000	15.576		14.959		0.000		14.959	Continuing	Continuing	0
Subtotal			0.000	15.576		14.959		0.000		14.959			0.000
Remarks													
Management Services (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	C	Various Location could not be determined.	0.000	0.504		2.454		0.000		2.454	Continuing	Continuing	0
Small Business Innovative Research/Small Business Technology Transfer Programs	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.631		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			0.000	1.135		2.454		0.000		2.454			0.000
Remarks													

UNCLASSIFIED

R-1 Line Item #64

Page 9 of 22

218 of 1922

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army							DATE: February 2010					
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION</i> <i>NETWORK-TACTICAL - DEM/VAL</i>			PROJECT 367: <i>WIN-T INCREMENT 2 -INITIAL</i> <i>NETWORKING-ON-THE-MOVE</i>					
		Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals		0.000	18.952		17.413		0.000		17.413			0.000
Remarks												

UNCLASSIFIED

R-1 Line Item #64

Page 10 of 22

219 of 1922

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2011 Army																				DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)										R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL										PROJECT 367: WIN-T INCREMENT 2 -INITIAL NETWORKING-ON-THE-MOVE			
																				</			

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2011 Army			DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL	PROJECT 367: WIN-T INCREMENT 2 -INITIAL NETWORKING-ON-THE-MOVE		
Schedule Details				
	Start		End	
Event	Quarter	Year	Quarter	Year
New Equipment Training	1	2009	1	2009
Limited User Test	1	2009	1	2009
Milestone C	1	2010	1	2010
Contract Award for Low Rate Initial Production	1	2010	1	2010
Increment 2 Low Rate Initial Production	1	2010	1	2012
Initial Operational Test	4	2011	4	2011
Full Rate Production Decision Review	1	2012	1	2012
First Unit Equipped	2	2012	2	2012

UNCLASSIFIED

R-1 Line Item #64

Page 12 of 22

221 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL</i>				PROJECT 372: <i>WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
372: <i>WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE</i>	300.840	150.831	173.490	0.000	173.490	172.504	83.793	163.431	206.425	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

Warfighter Information Network - Tactical (WIN-T) Inc 3 is the Army's communications system for reliable, secure, and seamless video, data, imagery, and voice services that enables decisive combat actions. It will be focused on moving information in a manner that supports commanders, staffs, functional units, and capabilities - based formations - all mobile, agile, lethal, sustainable, and deployable. It will be optimized for offensive and Joint operations so that the theater combatant commander will have the capability to perform multiple missions simultaneously. WIN-T Increment 3 will provide the Commander/user within the tactical area of responsibility a mobile infrastructure that passes relevant information effectively and efficiently for combined arms capabilities in all required terrain and environmental conditions. WIN-T is implementing the Global Information Grid (GIG) NetCentric Vision including Information Assurance and Network Centric Enterprise Services. In addition, WIN-T is a key component of the tactical GIG. WIN-T provides dynamic bandwidth and enabling formations On-The-Move (OTM). WIN-T Inc 3 develops the mature technologies which will be inserted into Inc 2. Inc 3 introduces the aerial tier to complete the 3 tier objective architecture. This program was not a new start in FY09, previously funded under PE # 0603782A, Project 355. Funds in FY2011 continue the Inc 3 System Development and Demonstration effort to include software development engineering builds, continued development of Inc 3 mature technologies that will be inserted into Inc 2, development of an aerial tier, as well as continue to provide the objective transmission subsystem; JC4ISR radio and associated antennas.

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1	267.871	122.309	144.111	0.000	144.111
Increment 3 System Development and Demonstration continues development, Modeling and Simulation (M&S), hardware and software development for Inc 2 technical inserts and an aerial tier.					
<i>FY 2009 Accomplishments:</i> FY 2009					

UNCLASSIFIED

R-1 Line Item #64

Page 13 of 22

222 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)		R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL		PROJECT 372: WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE		
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2010 Plans: FY 2010						
FY 2011 Base Plans: FY 2011 Base						
FY 2011 OCO Plans: FY 2011 OCO						
Program #2 Platform Integration		0.000	0.700	4.400	0.000	4.400
FY 2009 Accomplishments: FY 2009						
FY 2010 Plans: FY 2010						
FY 2011 Base Plans: FY 2011 Base						
FY 2011 OCO Plans: FY 2011 OCO						
Program #3 Technical Engineering Services and Research Studies		4.500	4.558	4.633	0.000	4.633

UNCLASSIFIED

R-1 Line Item #64

Page 14 of 22

223 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army			DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL	PROJECT 372: WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE			
B. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Program #4 Support for Engineering Development Test and Limited User Test; includes M&S	2.005	0.000	0.103	0.000	0.103
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Program #5	26.464	18.282	20.243	0.000	20.243

UNCLASSIFIED

R-1 Line Item #64

Page 15 of 22

224 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army			DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL	PROJECT 372: WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program Management Support FY 2009 Accomplishments: FY 2009 FY 2010 Plans: FY 2010 FY 2011 Base Plans: FY 2011 Base FY 2011 OCO Plans: FY 2011 OCO						
Program #6 Small Business Innovative Research/Small Business Technology Transfer Programs FY 2009 Accomplishments: FY 2009 FY 2010 Plans: FY 2010 FY 2011 Base Plans: FY 2011 Base FY 2011 OCO Plans: FY 2011 OCO		0.000	4.982	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #64

Page 16 of 22

225 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010				
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL</i>	PROJECT 372: <i>WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE</i>						
<u>B. Accomplishments/Planned Program (\$ in Millions)</u>								
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Accomplishments/Planned Programs Subtotals				300.840	150.831	173.490	0.000	173.490
<u>C. Other Program Funding Summary (\$ in Millions)</u> N/A								
<u>D. Acquisition Strategy</u> The Defense Acquisition Executive (DAE), through the Nunn-McCurdy certification process, certified a restructured WIN-T program on June 5, 2007. The certification Acquisition Decision Memorandum (ADM) stated that the Army will restructure the WIN-T Major Defense Acquisition Program (MDAP) to absorb the former Joint Network Node (JNN) Network program. It further stated that the restructured program will consist of four Increments: Incs 1, 2, 3, and 4. An FY11 decrease of \$190.530 (52%) was due to realignment to higher priority requirements. An FY12 decrease of \$137.296 (44%) was due to realignment to higher priority requirements. An FY14 increase of \$77.357 (90%) will fund the Critical Design Review (CDR), Developmental Test (DT), and Limited User Test (LUT). An FY15 increase of \$138.024 (202%) will continue funding the System Development and Demonstration (SDD) phase of Increment 3.								
<u>E. Performance Metrics</u> Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.								

UNCLASSIFIED

R-1 Line Item #64

Page 17 of 22

226 of 1922

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army											DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION</i> <i>NETWORK-TACTICAL - DEM/VAL</i>				PROJECT 372: <i>WIN-T INCREMENT 3 - FULL</i> <i>NETWORKING ON THE MOVE</i>					
Product Development (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Increment 3 System Development and Demonstration	C/CPAF	General Dynamics C4 Systems Inc Taunton, MA	0.000	122.309		144.111		0.000		144.111	Continuing	Continuing	0
Platform Integration	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.700		4.400		0.000		4.400	Continuing	Continuing	0
Subtotal			0.000	123.009		148.511		0.000		148.511			0.000
Remarks													
Support (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Technical Engineering Services and Research Studies	C	General Dynamics C4 Systems Inc Taunton, MA	0.000	4.558		4.633		0.000		4.633	Continuing	Continuing	0
Subtotal			0.000	4.558		4.633		0.000		4.633			0.000
Remarks													

UNCLASSIFIED

R-1 Line Item #64

Page 18 of 22

227 of 1922

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army											DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION</i> <i>NETWORK-TACTICAL - DEM/VAL</i>				PROJECT 372: <i>WIN-T INCREMENT 3 - FULL</i> <i>NETWORKING ON THE MOVE</i>					
Test and Evaluation (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Testing and Modeling & Simulation	C/Various	Various Location could not be determined.	0.000	0.000		0.103		0.000		0.103	Continuing	Continuing	0
Subtotal			0.000	0.000		0.103		0.000		0.103			0.000
Remarks													
Management Services (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	C	Various Location could not be determined.	0.000	18.282		20.243		0.000		20.243	Continuing	Continuing	0
Small Business Innovative Research/Small Business Technology Transfer Programs	C	Various Location could not be determined.	0.000	4.982		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			0.000	23.264		20.243		0.000		20.243			0.000
Remarks													

UNCLASSIFIED

R-1 Line Item #64

Page 19 of 22

228 of 1922

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army							DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION</i> <i>NETWORK-TACTICAL - DEM/VAL</i>			PROJECT 372: <i>WIN-T INCREMENT 3 - FULL</i> <i>NETWORKING ON THE MOVE</i>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 25%;"></div> <div style="width: 20%; text-align: center;"> Total Prior Years Cost </div> <div style="width: 10%; text-align: center;"> FY 2010 </div> <div style="width: 10%; text-align: center;"> FY 2011 Base </div> <div style="width: 10%; text-align: center;"> FY 2011 OCO </div> <div style="width: 10%; text-align: center;"> FY 2011 Total </div> <div style="width: 10%; text-align: center;"> Cost To Complete </div> <div style="width: 10%; text-align: center;"> Total Cost </div> <div style="width: 10%; text-align: center;"> Target Value of Contract </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 25%;">Project Cost Totals</div> <div style="width: 20%; text-align: center;">0.000</div> <div style="width: 10%; text-align: center;">150.831</div> <div style="width: 10%; text-align: center;"></div> <div style="width: 10%; text-align: center;">173.490</div> <div style="width: 10%; text-align: center;">0.000</div> <div style="width: 10%; text-align: center;">173.490</div> <div style="width: 10%; text-align: center;"></div> <div style="width: 10%; text-align: center;">0.000</div> </div>									
Remarks									

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2011 Army																								DATE: February 2010											
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)												R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL												PROJECT 372: WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE											

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2011 Army			DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL		PROJECT 372: WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE	
Schedule Details				
	Start		End	
Event	Quarter	Year	Quarter	Year
Critical Design Review	1	2014	1	2014
Engineering Development Test	3	2015	3	2015
New Equipment Training	4	2015	4	2015
Limited User Test	4	2015	4	2015

UNCLASSIFIED